

WHAT IS CLAIMED IS:

1. A method for displaying a dendrogram comprising the steps of:

clustering a plurality of types of biopolymers based on a set of data obtained by experiments of the plurality of biopolymers under different conditions, and displaying the results thereof in a dendrogram format;

selecting a subtree in the dendrogram; and

displaying the selected subtree on a separate window.

2. A method for displaying a dendrogram according to claim 1, further comprising the steps of:

designating a different clustering method for the biopolymers included in the subtree displayed on the separate window; and

clustering the biopolymers included in the subtree again according to the designated clustering method, and displaying the results thereof in a dendrogram format.

3. A method for displaying a dendrogram comprising the steps of:

clustering a plurality of types of biopolymers based on a set of data obtained by experiments of the plurality of biopolymers under different conditions, and displaying the results thereof in a dendrogram format;

selecting a subtree in the dendrogram; and

replacing the selected subtree with an icon.

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4. A method for displaying a dendrogram according to claim 3, further comprising a step of restoring the subtree icon to the original dendrogram subtree format.

5. A method for displaying a dendrogram comprising the steps of:

clustering a plurality of types of biopolymers based on a set of data obtained by experiments of the plurality of biopolymers under different conditions, and displaying the results thereof in a dendrogram format;

selecting a subtree in the dendrogram; and

from the biopolymers included in the selected subtree, counting and displaying the number of biopolymers containing in their biopolymer information a keyword from a keyword dictionary file.

6. A method for displaying a dendrogram comprising the steps of:

clustering a plurality of types of biopolymers based on a set of data obtained by experiments of the plurality of biopolymers under different conditions, and displaying the results thereof in a dendrogram format;

selecting a subtree in the dendrogram;

designating a keyword; and

displaying a location of a biopolymer in the dendrogram, which includes the designated keyword in its biopolymer information.

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7. A method for displaying a dendrogram according to any one of claims 1 to 6, wherein the biopolymers are cDNAs, RNAs, DNA fragments or genes.

8. A system for displaying a dendrogram comprising:

a clustering processor for clustering a plurality of types of biopolymers based on a set of data obtained by experiments of the plurality of biopolymers under different conditions, and analyzing the results thereof to display them in a dendrogram format;

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a display system for displaying the dendrogram;
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input means; and

a keyword dictionary file for storing keywords of biopolymer information.

9. A system for displaying a dendrogram according to claim 8, comprising a function of displaying a subtree selected by the input means on a separate window.

10. A system for displaying a dendrogram according to claim 9, comprising a function of designating a different clustering method for the subtree displayed on the separate window to cluster the biopolymers included in the subtree again according to the designated clustering method, and displaying the results thereof in a dendrogram format.

11. A system for displaying a dendrogram according to any one of claims 8 to 10, wherein the system comprises a function of replacing the subtree selected by the input means with an icon, and a function of restoring the subtree icon to the original subtree in the dendrogram format.

12. A system for displaying a dendrogram according to any one of claims 8 to 11, wherein the system comprises a function of counting and displaying the number of biopolymers containing in their biopolymer information a keyword from a keyword dictionary file, and/or a function of displaying a location of a biopolymer in the dendrogram, which includes the designated keyword.

13. A system for displaying a dendrogram according to any one of claims 8 to 12, wherein the biopolymers are cDNAs, RNAs, DNA fragments or genes.

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